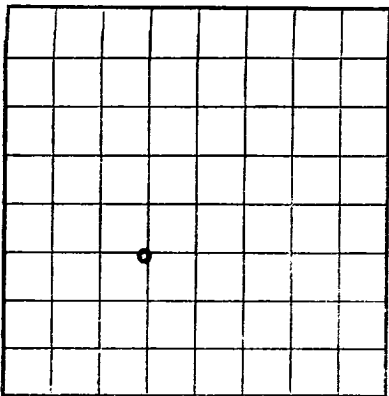


Form 9-380

U. S. LAND OFFICE
SERIAL NUMBER **SF 078939-D**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Tim G. Lory Address 616 E. Central, Alb., N.M.
Lessor or Tract Rankoff Field Wildcat State New Mexico
Well No. D-1 Sec. 17 T. 19N R. 4W Meridian NMPM County Sandoval
Location 1980 ft. (N.) of S. Line and 1980 ft. (E.) of W. Line of Section 17 Elevation 5648 DF
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]

Date December 2, 1953 Title Assistant General Manager

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-16-53, 1953 Finished drilling November 9, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1672 to 1685 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48	8R		2030'					Surface
8-5/8	28.4	8R		1698.62'					
Tubing:									
2"	4.70	8R		1687.37'					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	25	10	Plug		
8-5/8	1669 1/2 (corrected)	65	Plug		
2"	1682	none	Swung		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	None					

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 1685 feet, and from _____ feet to _____ feet

DATES

December 1, 1953 Put to producing December 1, 1953

The production for the first 24 hours was 62.40 barrels of fluid of which 93 % was oil; _____ % emulsion; 7 % water; and _____ % sediment. Gravity, °Bé. 34.9 @ 60°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C.T. & P. L. Grandell Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	surface
10	670	660	Shale
670	1685	1015	Sand and shale
			TOPS:
			Mesaverde:
			Chacra Sands 675'
			Gibson Sand 1185'

FORMIAIION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-48084-1 U. S. GOVERNMENT PRINTING OFFICE